MULTIPLE I/O PATH SELECTION AMONG DISPARATE CHANNEL PATHS

Abstract of the Disclosure:

An apparatus, method and program product for selecting paths
between a main memory and I/O devices in a data processing system

5   having a main memory for storing data, one or more I/O devices
for receiving data from or sending data to the main memory, and
an I/O processor (IOP) for controlling I/O operations for sending
data between the main memory and the I/O devices. The data
processing system includes disparate channels between the IOP and

10 the I/O devices. The disparate channels carry data between the
main memory and the I/O devices during the I/O operations.
Included is a computer program executed by the IOP for assigning
a path weight to selected ones of the disparate channel paths to
be used in selecting the next channel path to carry data between

15 the main memory and I/O devices. Each disparate channel type has
a different set of criteria for evaluating the path weight.